Summary of Curricula Offered

Types of Curricula Offered
San Diego State University offers the following types of curricula:

Undergraduate Curricula. Undergraduate curricula provide the following opportunities for study:
1. Liberal arts and sciences: Curricula in the academic major fields, leading to the Bachelor of Arts degree in liberal arts and sciences.
2. Applied arts and sciences: Curricula in major fields leading to the Bachelor of Science, Bachelor of Arts, Bachelor of Fine Arts in Dance, or Bachelor of Music degree in applied arts and sciences.
3. Professional curricula: The Fowler College of Business offers the Bachelor of Science degree in business administration with majors in seven fields; the College of Engineering offers the Bachelor of Science degree in engineering with majors in six fields; and the College of Education offers curricula in teacher education leading to graduate credentials at all levels of public school teaching.

The School of Speech, Language, and Hearing Sciences offers curricula leading to clinical certification and graduate credentials in speech pathology, audiology, and speech, language, and hearing sciences.

The School of Nursing offers the Bachelor of Science degree and the Master of Science degree in Nursing (areas of concentration are advanced practice nursing of adults and the elderly, community health nursing, nursing education, nursing leadership in health care systems, and women’s health and midwifery), and offers a curriculum leading to registered nurse licensure, public health nurse credential, health services credential (school nurse services), and nurse educator.

4. Preprofessional and nondegree curricula: Programs are offered in predental, prelegal, premedical, and preveterinary leading to transfer to professional schools. Air Force, Army, and Naval ROTC programs are also available.

Graduate Curricula. The Division of Graduate Affairs offers curricula in the various colleges and departments leading to the Master of Arts and Master of Science degrees in a wide variety of fields, the Master of Arts in Teaching, the Master of Business Administration, the Master of Business Administration and Juris Doctor, the Master of City Planning, the Master of Engineering, the Master of Fine Arts in Art, the Master of Fine Arts in Creative Writing, the Master of Fine Arts in Film and Television Production, the Master of Fine Arts in Theatre Arts, the Master of Music, the Master of Public Administration, the Master of Public Health, the Master of Social Work, the Master of Social Work and Juris Doctor, and the Master of Social Work and Master of Public Health.

Also offered are the Educational Specialist in school psychology, the Professional Doctorate in audiology, the Doctor of Education, the Doctor of Education in educational leadership, the Doctor of Physical Therapy, and the Doctor of Philosophy in biology (cell and molecular), chemistry, clinical psychology, computational science, ecology, education, engineering sciences (bioengineering), engineering sciences (electrical and computer engineering), engineering sciences (mechanical and aerospace engineering), engineering sciences (structural engineering), evolutionary biology, geography, geophysics, interdisciplinary research on substance use, language and communicative disorders, mathematics and science education, and public health.

Degrees
San Diego State University offers the following degrees:
- Bachelor of Arts
- Bachelor of Fine Arts (Dance)
- Bachelor of Music
- Bachelor of Science
- Bachelor of Arts
- Master of Arts in Teaching
- Master of Science
- Master of Business Administration
- Master of Business Administration and Juris Doctor
- Master of City Planning
- Master of Engineering
- Master of Fine Arts (Art, Creative Writing, Film and Television Production, Theatre Arts)
- Master of Music
- Master of Public Administration
- Master of Public Health
- Master of Social Work
- Master of Social Work and Juris Doctor
- Master of Social Work and Master of Public Health
- Educational Specialist in School Psychology
- Doctor of Audiology
- Doctor of Education
- Doctor of Philosophy
- Doctor of Physical Therapy
### Summary of Curricula Offered

#### Types of Degrees Offered by Major

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<tr>
<th>Majors</th>
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<th>Liberal Arts and Sciences</th>
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# An emphasis within the B.S. in Business Administration
### Types of Degrees Offered by Major (continued)

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# An emphasis within the B.S. in Business Administration
Emphases and Concentrations

An emphasis or concentration is defined as an aggregate of courses within a degree major designed to give a student specialized knowledge, competence, or skill. Completion of an emphasis or concentration is noted on the student's transcript and diploma for undergraduate students.

Baccalaureate Emphases

Art (B.A., Liberal Arts and Sciences)

Emphases:
- Art History
- Studio Arts

Art (B.A., Applied Arts and Sciences)

Emphases:
- Applied Design
- Graphic Design
- Interior Architecture
- Multimedia and Photography
- Painting and Printmaking
- Sculpture

Asian Studies (B.A., Liberal Arts and Sciences)

Emphasis:
- Chinese Studies and Language

Biology (B.S., Applied Arts and Sciences)

Emphases:
- Cellular and Molecular Biology
- Ecology
- Evolutionary Biology
- Marine Biology
- Zoology

Chemistry (B.S., Applied Arts and Sciences)

Emphasis:
- Biochemistry

Classics (B.A., Liberal Arts and Sciences)

Emphases:
- Classical Humanities
- Classical Language Classical Languages with Honors

Communication (B.A., Liberal Arts and Sciences)

Emphases:
- International Economics
- Public Policy

Geography (B.A., Applied Arts and Sciences)

Emphasis:
- Foundations of Geography

Geography (B.A., Liberal Arts and Sciences)

Emphases:
- Integrative Geography
- Environment and Society
- Human Geography and Global Studies
- Methods of Geographic Analysis

Geology (B.S., Applied Arts and Sciences)

Emphases:
- Environmental and Physical Geography
- Geographic Information Science

Geological Sciences (B.S., Applied Arts and Sciences)

Emphases:
- General Geology
- Engineering Geology
- Environmental Geosciences
- Geophysics
- Hydrogeology
- Paleontology

German (B.A., Liberal Arts and Sciences)

Emphasis:
- German Studies

Hospitality and Tourism Management (B.S., Applied Arts and Sciences)

Emphases:
- Hotel Operations and Management
- Meetings and Events Operations and Management
- Restaurant Operations and Management
- Tribal Gaming Operations and Management

Humanities (B.A., Liberal Arts and Sciences)

Emphasis:
- European Humanities

International Business (B.A., Liberal Arts and Sciences)

Emphases in language:
- Arabic
- Chinese
- English
- French
- German
- Italian
- Japanese
- Korean
- Portuguese
- Russian
- Spanish

Emphasis in regional/cultural studies:
- Africa/French
- Asia/Chinese
- Asia/Japanese
- Asia/Korean
- Latin America/Portuguese
- Latin America/Spanish
- Middle East and North Africa/African
- North America/English
- North America/French
- Central Europe/Russian
- Western Europe/French
- Western Europe/German
- Western Europe/Italian
- Western Europe/Portuguese
- Western Europe/Spanish

Journalism (B.A., Liberal Arts and Sciences)

Emphasis:
- Advertising
- Media Studies
- Public Relations

Kinesiology (B.S., Applied Arts and Sciences)

Emphases:
- Exercise Science Generalist
- Fitness Specialist
- Prephysical Therapy

Liberal Studies (B.A., Applied Arts and Sciences)

Emphases:
- Education-Generalist
- Elementary Education
- Mathematics
- Science

Mathematics (B.S., Applied Arts and Sciences)

Emphases:
- Applied Mathematics
- Computational Science
- Science

Mechanical Engineering (B.S., Applied Arts and Sciences)

Emphasis:
- Bioengineering

Microbiology (B.S., Applied Arts and Sciences)

Emphasis:
- Clinical Laboratory Science

Psychology (B.A., Liberal Arts and Sciences)

Emphasis:
- Industrial and Organizational Psychology

Public Administration (B.A., Applied Arts and Sciences)

Emphasis:
- City Planning

Recreation Administration (B.S., Applied Arts and Sciences)

Emphases:
- Outdoor Resource Management
- Recreation Systems Management
- Sustainable Tourism Management

Social Science (B.A., Liberal Arts and Sciences)

Emphasis:
- Islamic and Arabic Studies

Statistics (B.S., Applied Arts and Sciences)

Emphases:
- Actuarial Science
- Data Science

Television, Film and New Media (B.S., Applied Arts and Sciences)

Emphasies:
- Critical Studies
- Production

Theatre Arts (B.A., Applied Arts and Sciences)

Emphases:
- Design and Technology for Theatre
- Design for Television and Film
- Performance: Acting and Musical Theatre
- Youth Theatre

Graduate Concentrations

Applied Mathematics (M.S.)

Concentrations:
- Dynamical Systems
- Mathematical Theory of Communication Systems

Art (M.A.)

Concentrations:
- Art History
- Studio Arts

Bioinformatics and Medical Informatics (M.S.)

Concentration:
- Professional Science Master

Biology (M.A. or M.S.)

Concentrations:
- Ecology
- Evolutionary Biology
- Molecular Biology
- Physiology

Business Administration (M.S.)

Concentrations:
- Entrepreneurship
- Finance
- Financial and Tax Planning
- Information Systems
- International Business
- Management
- Marketing
- Real Estate
- Supply Chain Management
- Taxation

Child Development (M.S.)

Concentration:
- Early Childhood Mental Health

Civil Engineering (M.S.)

Concentration:
- Environmental Engineering

Concentrations:
- Education-Generalist
- Elementary Education
- Mathematics
- Science
Summary of Curricula Offered

Computational Science
Concentrations (M.S.):
  Data Science
  Professional Applications
Concentration (Ph.D.):
  Statistics
Counseling (M.S.)
Concentrations:
  Marriage and Family Therapy
  Multicultural Community Counseling
  Community-Based Block
  School Counseling
  School Psychology
Education
Concentrations (M.A.):
  Counseling
  Dual Language and English Learner Education
  Educational Leadership
  Elementary Curriculum and Instruction
  Learning Design and Technology
  Mathematics Education
  Reading Education
  Secondary Curriculum and Instruction
  Special Education
Geography
Concentrations (M.S.):
  Geographic Information Science
  Watershed Science
Nursing (M.S.)
Concentrations:
  Advanced Practice Nursing of Adults and the Elderly
  Community Health Nursing
  Nursing Education
  Nursing Leadership in Health Care Systems
  Women's Health and Midwifery
Psychology (M.S.)
Concentrations:
  Applied Psychology: Program Evaluation
  Applied Psychology: Industrial and Organizational Psychology
  Clinical Psychology (included within the Ph.D. program; not available separately)
Public Administration (M.P.A.)
Concentrations:
  City Planning
  Criminal Justice Administration
Public Health
Concentrations (M.P.H.):
  Biometry
  Environmental Health
  Epidemiology
  Health Management and Policy
  Health Promotion and Behavioral Science
Concentration (M.S.):
  Environmental Health Sciences
Concentrations (Ph.D.):
  Epidemiology
  Global Health
  Health Behavior
Rehabilitation Counseling (M.S.)
Concentration:
  Clinical Rehabilitation and Clinical Mental Health Counseling
Speech, Language, and Hearing Sciences (M.A.)
Concentrations:
  Communicative Sciences
  Speech-Language Pathology
Statistics (M.S.)
Concentration:
Biostatistics
Teaching (M.A.T.)
Concentrations:
  Elementary Education
  Language Arts Education (summer only)
  Mathematics Education
  Reading/Language Arts Education
  Science Education
  Secondary Education
Theatre Arts (M.F.A.)
Concentrations:
  Acting
  Design and Technology
  Musical Theatre
Credentials Offered
Added Authorizations
  Bilingual, with an emphasis in biliteracy for K-12
  Early Childhood Special Education
  Reading and Literacy
Teaching Credentials
  Multiple subject; internship
  Multiple subject bilingual 2042
  Emphasis: Spanish; internship
  Multiple subject and special education bilingual (Spanish)
  Single subject; internship
  Single subject bilingual 2042
Specialist Credentials
BCLAD
  Reading and Literacy Leadership
  Special Education:
  Early Childhood Special Education, preliminary and clear; internship credential
  Mild/Moderate Disabilities, preliminary and clear; internship credential
  Moderate/Severe Disabilities, preliminary and clear; internship credential
Service Credentials
  Administrative: internship
  Pupil Personnel:
    Child Welfare and Attendance
    School Counseling
    School Nurse
    School Psychology
    School Social Work
    School Nurse Services
    Speech Language Pathology
Minors for the Bachelor's Degree
  Accounting
  Air Force Leadership Studies
  African Studies
  Africana Studies
  American Indian Studies
  Anthropology
  Art
  Art History
  Asian Studies
  Astronomy
  Biology
  Business Administration
  Chemistry
  Chicana and Chicano Studies
  Child Development
  Children's Literature
  Chinese
  Chinese Studies
  Classics
  Communication
Comparative Literature
  Computer Science
  Counseling and Social Change
  Creative Editing and Publishing
  Creative Writing
  Cultural Proficiency
  Dance
  Digital and Social Media Studies
  Economics
  Energy Studies
  Engineering
  English
  Entrepreneurship
  European Studies
  Finance
  French
  Geography
  Geological Sciences
  German
  Gerontology
  History
  Honors in Interdisciplinary Studies
  Humanities Information Systems
  International Security and Conflict Resolution
  International Studies, PSFA
  Italian
  Islamic and Arabic Studies
  Japanese
  Japan Studies
  Judaic Studies
  Latin American Studies
  Leadership Development
  Learning Design and Technology
  Lesbian, Gay, Bisexual, and Transgender Studies
  Linguistics
  Management
  Marketing
  Mathematics
  Military Science
  Music
  Naval Science
  Oceanography
  Philosophy
  Physics
  Political Science
  Portuguese and Brazilian Studies
  PSFA International Studies
  Psychology
  Public Administration
  Public Health
  Real Estate
  Recreation
  Religious Studies
  Rhetoric and Writing Studies
  Russian
  Social Work
  Sociology
  Somatic Studies
  Spanish
  Statistics
  Sustainability
  Teaching English as a Second or Foreign Language (TESL/TEFL)
  Television, Film and New Media
  Text Analytics
  Theatre Arts
  United States-Mexican Border Studies
  Women's Studies
Summary of Curricula Offered

**Special Curricula**

**Preprofessional Curricula**
- Predental
- Prelegal
- Premedical
- Preveterinary

**Military Curricula**
- Aerospace Studies (AFROTC)
- Military Science (ROTC)
- Naval Science (NROTC)

**Certificate Programs (nondegree)**
- Accounting
- Applied Gerontology
- Artist Diploma
- Behavior Analysis
- Bilingual (Spanish) Special Education
- Bilingual Speech-Language Pathology
- Biotechnology
- Business Administration (Imperial Valley Campus Only)
- Children’s/Adolescent Literature
- Cognitive Disabilities
- Communication
- Communication Systems
- Community College Teaching
- Computational Linguistics
- Creative Editing and Publishing
- Creative Writing
- Developing Gifted Potential
- Distance Education
- Dual Language for Academic Literacy
- Early Care and Education
- Early Childhood Transdisciplinary Education and Mental Health
- Educational Facility Planning
- English Language Development for Academic Literacy
- Entertainment Management
- Environmental Studies
- Executive Financial Planner
- Family Life Education
- Geographic Information Science
- Global Religious Literacy
- Health Communication
- Indian Religions, Cultures, and Traditions
- Industrial/Organizational Psychology
- Institutional Research, Planning, and Assessment
- Instructional Design
- Instructional Technology
- Intellectual Property and Regulatory Affairs
- International Media
- International Security and Trade
- Korean Studies
- Lesbian, Gay, Bisexual, and Transgender Studies
- Linked Learning
- Mental Health Recovery and Trauma Informed Care
- Nursing Education Performance
- Personal Financial Planning
- Preventive Medicine Residency
- Professional Computational Science
- Professional Writing
- Psychiatric Rehabilitation
- Public Administration (Imperial Valley Campus Only)
- Public Health
- Public Law
- Regulatory Affairs
- Rehabilitation Administration
- Rehabilitation Counseling
- Rehabilitation Technology
- Residency Training in Radiation Therapy Physics
- Single Subject Mathematics
- Social Work Administration
- Supported Employment and Transition Specialist
- Teaching English as a Second or Foreign Language (TESL/TEFL)
- Teaching of Writing
- Text Analytics
- Translation and Interpretation Studies (Spanish)
- United States-Mexico Border Studies
- Web and Mobile Applications Development
- Women’s Studies
- Workforce Education and Lifelong Learning

The following non-academic credit programs are available through College of Extended Studies only.
- Business of Craft Beer
- Business of Wine
- Civil Sitework Construction Online
- Construction Estimating Online
- Construction Practices Online
- Construction Project Management Online
- Construction Supervision Online
- Contract Management
- Grant Writing
- Health Care (Clinical Medical Assistant, EKG Technician, Pharmacy Technician Training, and Test Preparation)
- Human Resource Management
- Lean Enterprise
- Lean Six Sigma
- Management and Leadership
- Marketing
- Meeting and Event Planning
- Nutrition for Optimal Health and Wellness
- Occupational Health and Safety Management
- Project Management
- Teaching English as a Second Language

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